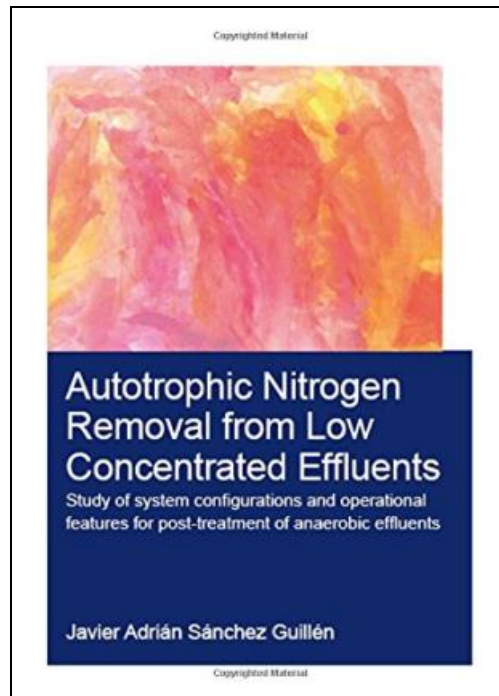


Autotrophic Nitrogen Removal from Low Concentrated Effluents: Study of System Configurations and Operational Features for Post-Treatment of Anaerobic Effluents (Paperback)



Filesize: 4.62 MB

Reviews

A very amazing publication with perfect and lucid information. We have read through and that i am certain that i will planning to study once more yet again in the future. You will not really feel monotony at anytime of the time (that's what catalogues are for about should you question me).

(Matilda Hoeger V)

AUTOTROPHIC NITROGEN REMOVAL FROM LOW CONCENTRATED EFFLUENTS: STUDY OF SYSTEM CONFIGURATIONS AND OPERATIONAL FEATURES FOR POST-TREATMENT OF ANAEROBIC EFFLUENTS (PAPERBACK)

[DOWNLOAD PDF](#)

To get **Autotrophic Nitrogen Removal from Low Concentrated Effluents: Study of System Configurations and Operational Features for Post-Treatment of Anaerobic Effluents (Paperback)** eBook, remember to refer to the link below and download the file or gain access to other information which might be relevant to AUTOTROPHIC NITROGEN REMOVAL FROM LOW CONCENTRATED EFFLUENTS: STUDY OF SYSTEM CONFIGURATIONS AND OPERATIONAL FEATURES FOR POST-TREATMENT OF ANAEROBIC EFFLUENTS (PAPERBACK) book.

Taylor Francis Ltd, United Kingdom, 2017. Paperback. Condition: New. Language: English . Brand New Book. On a global scale, sewage represents the main point-source of water pollution and is also the predominant source of nitrogen contamination in urban regions. The present research is focused on the study of the main challenges that need to be addressed in order to achieve a successful inorganic nitrogen post-treatment of anaerobic effluents in the mainstream. The post-treatment is based on autotrophic nitrogen removal. The challenges are classified in terms of operational features and system configuration, namely: (i) the short-term effects of organic carbon source, the COD/N ratio and the temperature on the autotrophic nitrogen removal; the results from this study confirms that the Anammox activity is strongly influenced by temperature, in spite of the COD source and COD/N ratios applied. (ii) The long-term performance of the Anammox process under low nitrogen sludge loading rate (NSLR) and moderate to low temperatures; it demonstrates that NSLR affects nitrogen removal efficiency, granular size and biomass concentration of the bioreactor. (iii) The Anammox cultivation in a closed sponge-bed trickling filter (CSTF) and (iv) the autotrophic nitrogen removal over nitrite in a sponge-bed trickling filter (STF). Both types of Anammox sponge-bed trickling filters offer a plane technology with good nitrogen removal efficiency.



[Read Autotrophic Nitrogen Removal from Low Concentrated Effluents: Study of System Configurations and Operational Features for Post-Treatment of Anaerobic Effluents \(Paperback\) Online](#)



[Download PDF Autotrophic Nitrogen Removal from Low Concentrated Effluents: Study of System Configurations and Operational Features for Post-Treatment of Anaerobic Effluents \(Paperback\)](#)

Relevant eBooks



[PDF] Your Pregnancy for the Father to Be Everything You Need to Know about Pregnancy Childbirth and Getting Ready for Your New Baby by Judith Schuler and Glade B Curtis 2003 Paperback

Follow the hyperlink listed below to read "Your Pregnancy for the Father to Be Everything You Need to Know about Pregnancy Childbirth and Getting Ready for Your New Baby by Judith Schuler and Glade B Curtis 2003 Paperback" PDF document.

[Download PDF >](#)



[PDF] Dog on It! - Everything You Need to Know about Life Is Right There at Your Feet

Follow the hyperlink listed below to read "Dog on It! - Everything You Need to Know about Life Is Right There at Your Feet" PDF document.

[Download PDF >](#)



[PDF] You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most

Follow the hyperlink listed below to read "You Shouldn't Have to Say Goodbye: It's Hard Losing the Person You Love the Most" PDF document.

[Download PDF >](#)



[PDF] Weebies Family Halloween Night English Language: English Language British Full Colour

Follow the hyperlink listed below to read "Weebies Family Halloween Night English Language: English Language British Full Colour" PDF document.

[Download PDF >](#)



[PDF] A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half

Follow the hyperlink listed below to read "A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half" PDF document.

[Download PDF >](#)



[PDF] Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition)

Follow the hyperlink listed below to read "Environments for Outdoor Play: A Practical Guide to Making Space for Children (New edition)" PDF document.

[Download PDF >](#)